

A B S T R A C T

The invention relates to a process for producing hot-seal packs, in particular for transdermal therapeutic systems, by welding to one another, at predetermined linear regions and at polymer layers facing towards one another, two laps of continuous pack material composed of two or more layers. To this end, one (or two) sealing tool(s) are used to bring the pack material into contact with pressure and heat. To improve the quality of the welded seams without altering the cycle rate, according to the invention the sealing time is doubled and the temperature of the sealing tool(s) (1, 2) is reduced so that there is a considerable reduction in the temperature reached within the pack material (3, 4), this temperature then being only slightly above the melting point of the polymer used. An example of a sealing tool (1, 2) is given (FIG. 1).

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<p>(57) Abstract</p>			
<p>The invention relates to a method for producing heat bonded packages, especially for transdermal therapeutic systems, according to which two sheets of continuous packing material composed of several layers are bonded in predetermined linear areas and adjacent synthetic material layers. Said packing material is submitted to a given pressure and temperature by means of one or two sealing tools. To improve bonding quality while maintaining a constant rate, bonding time is doubled and the temperature of said sealing tool (1, 2) is lowered, whereby temperature reached within said packing material (3, 4) is substantially reduced and slightly greater than the melting temperature of said synthetic material. The invention also relates to a particular sealing tool (1, 2).</p>			